HDP/SB/21 based on PTQ/SB/21 (08-00)

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TRANSMITTAL		Application Number		1.000	69,741		
FORM		Filing Date		-	January 30, 2004		
FORM (to be used for ell correspondence after initial filing)			First Named Inventor		Ryan C. Lakin, et al.		
			Group Art Unit Uni		nown		
-			ner Name	Unk	nown		
Total Number of Pages in This Submission	8	Attom	ey Docket Numi	ber 549	0-000250/CPB		
ENCLOSURES (check all that apply)							
Fee Transmittal Form	Assignment Papers (for an Application)			After Allowance Communication to Group			
Fee Attached	☐ Drawing(s)			Appeal Communication to Board of Appeals and Interferences			
Amendment / Response	Licensing-related Pepers		0	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)			
After Finel	Petition			Proprietary Information			
Affidavits/daciaration(s)	Petition to Convert to e Provisional Application			Status Letter			
Extension of Time Request	Power of Altomey, Revocation Change of Correspondence Address			Other Enclosure(s) (please identify below):			
Expresa Abandonment Request	Terminal Disclaimer			Form HDP-1449 (Based on PTO 1449 - 1 page); and postcard			
Express Abandonment Hequest	Request for Refund			1445 • 1 page), and posicard			
Information Disclosure Statement	CD, Number of CD(s)						
Cartified Copy of Priority Document(s)	Remar	Remarks The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 of to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.			required under 37 CFR 1.16 or 1.17		
Rasponse to Missing Parts/ Incomplate Application							
Response to Missing Perts under 37 CFR 1.52 or 1.53							
SIGNA	TURE OF A	PPLIC	ANT, ATTORNE	Y, OR AGE	INT		
Firm or Individual name			Attorney Name -		Reg. No. 44,672		
Signature	عد	-0		·			
Date February 20, 2004							
CERTIFICATE OF MAILING/TRANSMISSION							
I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed lic: Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the detain indicated below.							
Typed or printed name Christopher A			Express Ma	EV 406 074 563 US (2/20/2004)			
Signature 0 +a 8				Date	February 20, 2004		

FEB 2 0 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Application No.: 10/769,741

Filing Date: January 30, 2004

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Applicant: Ryan C. Lakin, et al.

Group Art Unit: Unknown

Examiner: Unknown

Title: METHOD AND APPARATUS FOR USE OF A METAL.

METAL CONSTRAINED LINER

Attorney Docket: 5490-000250/CPB

Director of the United States Patent and Trademark Office P.O. Box 1450

Alexandria. VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. COPIES

- B. ___ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were reviously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

CX_ Because the present application was/is being filed after June 30, 2003.
no copies of the U.S. patents or U.S. patent application publications which are
listed on the attached Form 1449 are enclosed pursuant to the waiver of 37
C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature
listed on the attached Form 1449 are enclosed herewith.

D. ___ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form-1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search Report was from the US, EPC, or JPO search authorities, copies of these references should have been supplied to the USFTO under the trialeral agreement and are believed to be in the file of the above-identified applications (IMPEP 1883.036).

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A.____ Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B.____ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1,98(a)(3)):

١						ottice	communication	from
	count	erpa	rt foreign a	application	n.			

English translations are provided.

3.___Other:

C. ____The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A.___The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.

Filing Date

Art Unit

V. THIS IDS IS BEING FILED UNDER

A.__X_37 C.F.R. § 1.97(b): (check only one box)

- X within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.
- within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)).
 No fee or certification is required.
- 3. ____ before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(n).
- before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B. ____37 C.F.R. § 1.97(c): (check <u>only</u> one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

- No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
- See the certification below. No fee is required.

C. ____37 C.F.R. § 1.97(d):

after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

 See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

A. _____each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. 8)

1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII, if applicable; or

B. ___ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filling of this IDS (See 37 C.F.R. § 176/e/2)).

C. _____Some of the items of information were first cited in a communication from a foreign patient office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than these months prior to the fitting of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filling of this IDS.

VII. STATEMENT UNDER 37 CFR 1.704(d)

The undersigned hereby states that:

— each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filting of this IDS.

VIII. PAYMENT OF FEES (check only one box)

A. ____ A check in the amount of \$180.00 is enclosed for the above-identified fee.

B. ____Please charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: Feb 20- 2004

Christopher A. Fusehi, Reg. No. 44.6

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

CAE/smb

FORM HDP-1449 (Based on Form PTO-THAS)

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET No.	SERIAL NO.
5490-000250/CPB	10/769,741
APPLICANT	
Ryan C. Lakin, et al.	
FILING DATE	GROUP
January 30, 2004	Unknown

U.S. P	ATENT DO	CUMENTS				
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	/R.L./	2002/0068980 AI	06/06/02	Serbousek et al.		
2.	I	2,668,531	02/09/54	E.J. Haboush		
3.		3,067,740	12/11/62	E.J. Haboush		
4.		3,584,318	06/15/71	J.T. Scales et al.		
5.		3,740,769	06/26/73	Haboush		
6.		3,815,157	06/11/74	Skorecki et al.		
7.		3,875,593	04/98/75	Shersher		
8.	T .	4,642,123	02/10/87	Noiles		
9.		4,676,798	06/30/87	Noiles		
10.		5,019,105	05/28/91	Wiley		
11.		5,314,491	05/24/94	Thongpreda et al.		
12.		5,425,779	06/20/95	Schlosser et al.		
13.		5,755,807	05/26/98	Anstaett et al.		
14.		5,800,555	9/01/98	Gray, III		
15.		5,824,108	10/20/98	Huebner		
16.		5,989,293	11/23/99	Cook et al.		
17.	V	6,042,611	03/28/00	Noiles		
18.	/R.L./	6,093,208	07/25/00	Tian		

Examiner: /Ralph Lewis/ Date Considered: 07/18/2010